

25X1A

INFORMATION REPORT

CD NO.

COUNTRY USSR (Ukrainian SSR)
SUBJECT Power Plant in Lvov

DATE DISTR. 14 March 1952

NO. OF PAGES 4

PLACE
ACQUIRED

DATE OF INFO.

NO. OF ENCLS. 2 @
(LISTED BELOW)

SUPPLEMENT TO
REPORT NO. 25X1X

DO NOT CIRCULATE

1. Location:

South of Lvov (24°00'E/49°50'N), Ukrainian SSR.

2. Plant installations:

The plant covers about 720 x 450 meters. Three turbines with generators are operating in the main building. The fourth turbine was not yet fitted. The Siemens turbines were new. The four old boilers were of Polish origin. Seven new boilers for natural oil fueling were installed. A railroad connection is available. For plant layout see Annex 1.

3. Work force:

Nine hundred and ninety-four civilian laborers, of whom 200 were women. Source obtained this exact number from a ration supply transport to which he was assigned in April 1949.

4. Capacity:

The total capacity of the plant was 45,000 kws; three turbines with a capacity of 15,000 kws each.

Comment :

2. Attached sketch is valuable for the pinpointing of the plant. "South of Ivov" was the only available detail on the plant location. An aerial photograph, dated from 1944, is transmitted as Annex 2. The power plant is item "J" on that photograph. The course of the road to Stryan the connecting road from the plant to this road as entered on attached sketch can easily be identified on the aerial photograph. According to the attached sketch the plant reaches farther to the north than marked by the white line on the photograph. A previous location sketch agrees with attached sketch but the arrow indicating the North has to be turned 45° left on the old sketch.

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- b. The plant capacity of 45,000 kwe is reported for the first time.
- c. The plant layout essentially agrees with previous information and can be considered approximately correct. Only data on the number of old and new water cooling towers differ.
- d. The railroad station south of the power plant ("S" on the aerial photograph) is called Persenkovka. Source of a previous report erroneously designated the station Verpenkovka.

2 Annexes: Power Plant in Lvov (sketch)
Aerial photograph of Lvov

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Legend to sketch:

A Power Plant

- 1 Main plant building, 225 x 45 x 13.5 meters, the roof is partially glassed
 - a Switching station
 - b Vacant room, former turbine chamber provided for two turbines
 - c Three Siemens turbines with generators, each 4.7 x 2.7 x 1.8 meters; capacity 15,000 kw each. Beneath the turbines in the basement is a boiler, 7.2 meters long and 2.7 meters in diameter.
 - d Fourth turbine, not yet installed
 - e Two sheet-metal smokestacks 13.5 meters high, projecting above the roof
 - f Four Polish boiler sets each 3.6 x 3.6 x 3.6 meters
 - g Seven new boilers for natural gas fueling, each 3.6 x 3.6 x 3.6 meters
 - h Two additional new sheet metal smokestacks, 13.5 meters high; the boilers No 1 through 4 and so 10 and 11 were also equipped for coal fueling. They were directly connected with the coal dumps by trolleys.
 - i Lathe shop
 - k Electrical workshop for the motors of the water pumps
- 2 Coal dump with spur track
- 3 Overhead lorries
- 4 Switch house, 18 x 9 meters, three power transmission lines leave this building, one of which is going to Stry
- 5 Timber dump
- 6 Sawmill equipped with one sawframe
- 7 Carpenter shop
- 8 Stores with tools, stone structure, 18 x 9 x 3.6 meters
- 9 Stone structure building, 45 x 9 x 3.6 meters
 - a Carpenter shop
 - b Forge
- 10 New cooling tower, constructed in the fall of 1948, 18 meters in diameter and 18 meters high
- 11 Two water towers, destroyed during the war and later reconstructed, 13.5 meters in diameter and 13.5 meters high

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- B Water tower, 37.5 meters high
- C Workers' settlement
- D PT Camp No 7475/3
- E LVD apartment house

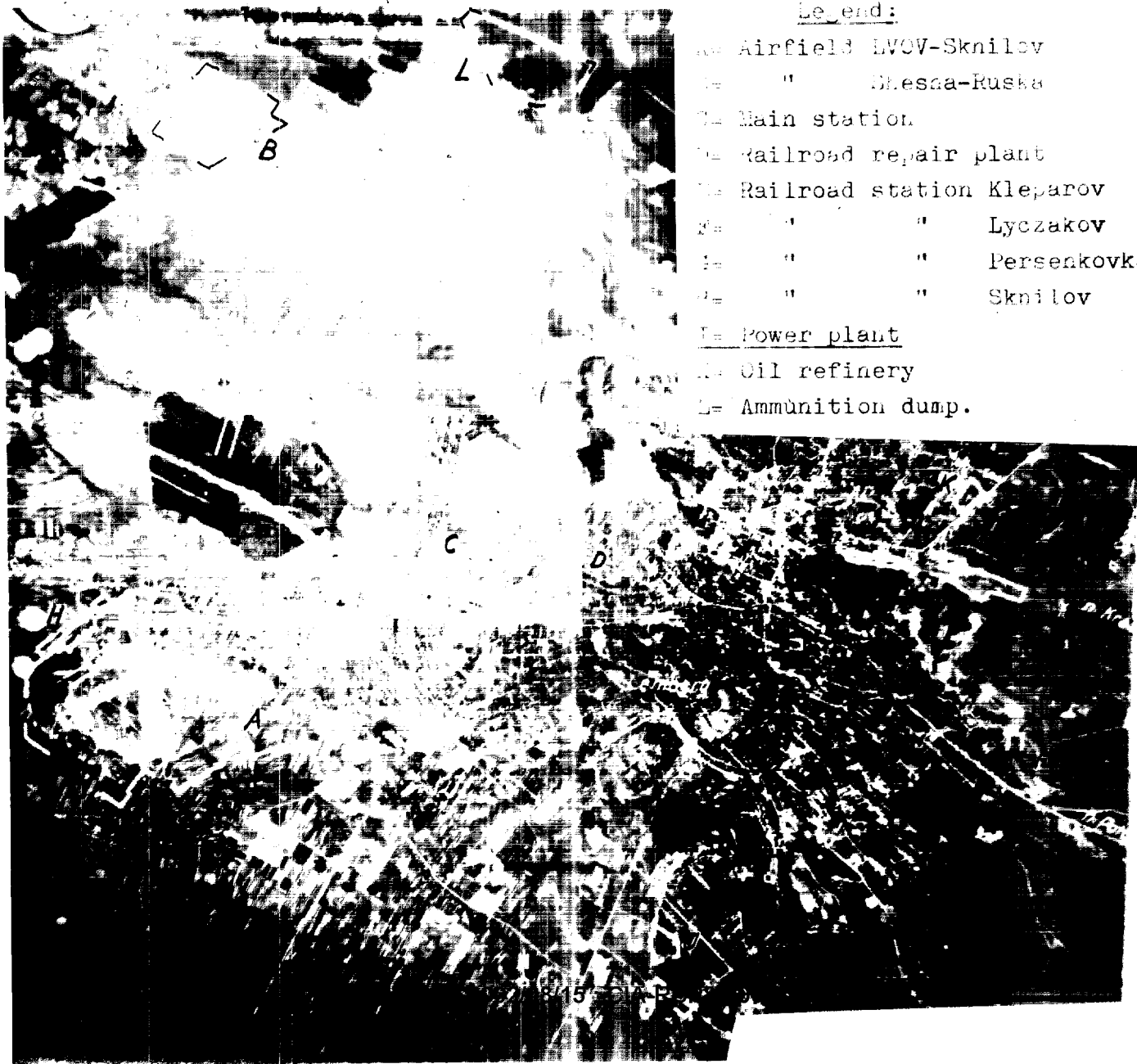
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Legend:

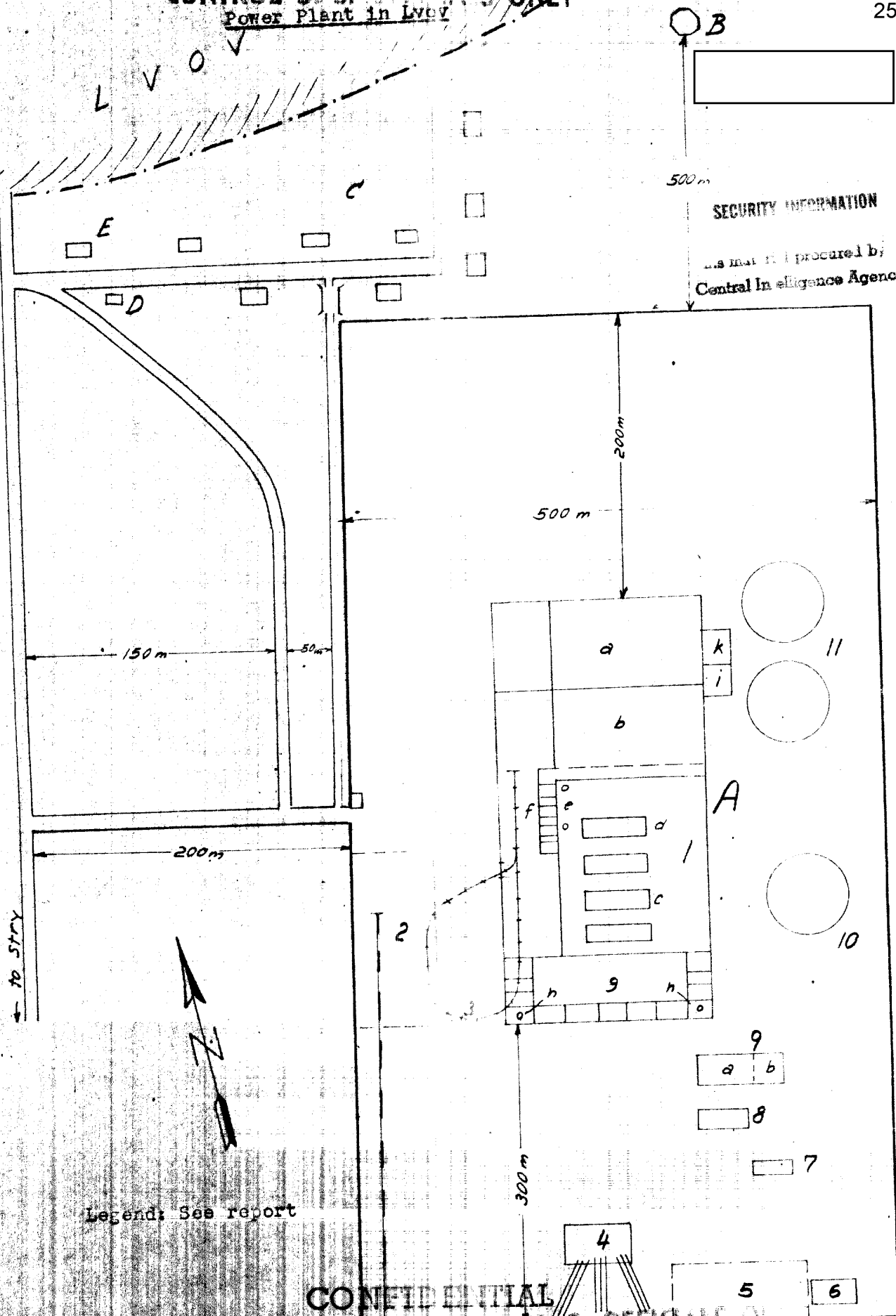
- A= Airfield LVOV-Sknilov
- B= " Chesna-Ruska
- C= Main station
- D= Railroad repair plant
- E= Railroad station Kleparov
- F= " " Lyczakov
- G= " " Persenkovka
- H= " " Sknilov
- I= Power plant
- J= Oil refinery
- K= Ammunition dump.



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Power Plant in Lvov

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not to scale